

Crab Spiders (Aranei Thomisidae Philodromidae) of Transbaikalia. 1.

Пауки-крабы (Aranei Thomisidae, Philodromidae) Забайкалья. 1.

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КЛЮЧЕВЫЕ СЛОВА: Thomisidae, Забайкалье.

ABSTRACT: Ten species and 9 genera of Thomisidae are recorded in Transbaikalia: *Coriarachne depressa* (C.L.K.), *Heriaeus mellotiei* Sim., *Lysiteles maius* Ono, *Misumena vatia* (Cl.), *Misumenops tricuspidatus* (F.), *Pistius undulatus* Karsch, *Synaema globosum* (F.), *Thomisus onustus* Walck., *Tmarus rimosus* Paik, *T.taishanensis* Zhu et Wen. The record of *Pistius truncatus* in this region is doubtful. I agree with D.Logunov [1990] that this record probably belongs to *P.undulatus*.

In this paper I describe material of 10 species, 4 of them being new to the fauna of Transbaikalia. The materials were collected by the author and are presently housed in the Buryat Institute of Biology, Ulan-Ude.

РЕЗЮМЕ: Приведены материалы по десяти видам из девяти родов семейства Thomisidae: *Coriarachne depressa* (C.L.K.), *Heriaeus mellotiei* Sim., *Lysiteles maius* Ono, *Misumena vatia* (Cl.), *Misumenops tricuspidatus* (F.), *Pistius undulatus* Karsch, *Synaema globosum* (F.), *Thomisus onustus* Walck., *Tmarus rimosus* Paik, *T.taishanensis* Zhu et Wen. Все эти виды снабжены рисунками, приведены данные по их распространению и экологии.

Coriarachne depressa (C.L.Koch, 1837).

Figs. 1-3.

MATERIAL. Buryatia: Ivolga Distr.: 7 ♂♂, 5 ♀♀, Mostovoi, 12.7.1983. Pribaikalsky Distr.: 1 ♀, Dalakhinsky Bor, 23.9.1983.

DISTRIBUTION. This species ranges from West Europe to East Siberia.

HABITATS. The species lives in pine forests on tree trunks.

Heriaeus mellotiei Simon, 1886.

Figs. 4,5.

MATERIAL. Buryatia: Kyakhta Distr.: 1 ♂, Ust'-Kiran, 31.7.1988. Chita Area: Mogoytui Distr.: 1 ♀, Tsugol, 25.6.1982.

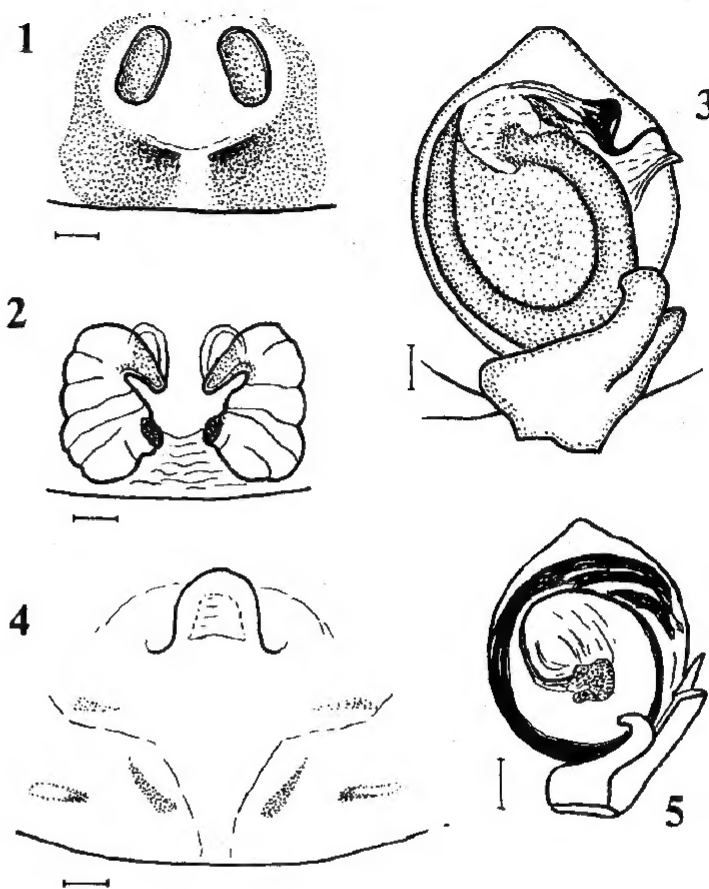
DISTRIBUTION. Trans-Palearctic, ranged from West Europe to Japan. Transbaikalia: Buryatia, Bauntovsky Distr. [Izmailova, 1989: *H.oblongus*].

HABITATS. In Transbaikalia, this species lives in steppes.

Lysiteles maius Ono, 1979.

Figs. 6-8.

MATERIAL. Buryatia: Kabansk Distr.: 2 ♂♂, 2 ♀♀, Bolshoi Mamai River, 28.7.1980; 1 ♂, 1 ♀, Baikalsky Reserve, 26.7.1981; 6 ♀♀, same locality, 3.9.1990.



Figs. 1-5. 1-3 — *Coriarachne depressa*, epigyne (1), vulva (2), male palp (3); 4-5 — *Heriaeus mellotiei*, epigyne (4), male palp (5). Scale: 1-4 — 0.1mm; 5 — 0.2mm.

Рис. 1-5. 1-3 — *Coriarachne depressa*, эпигина (1), вульва (2), палеппус самца (3); 4-5 — *Heriaeus mellotiei*, эпигина (4), палеппус самца (5). Масштаб: 1-4 — 0.1мм; 5 — 0.2мм.

DISTRIBUTION. Nepal, South Siberia, Russian Far East, Japan.

HABITATS. In Transbaikalia, this species lives in silver fir forests in trees.

Misumena vatia (Clerck, 1757).

Figs. 9,10.

MATERIAL. Buryatia: Ivolga Distr.: 3 ♂♂, 2 ♀♀, Mostovoi, 2 - 15.6.1983; 2 ♀♀, same locality, 15.6.1990. Kabansk Distr.: 3 ♂♂, 4 ♀♀, Selenginsk, 21.6.1983. Chita Area: Karymsk Distr.: 1 ♀, Darasun, 23.6.1984; Kyra Distr.: 2 ♂♂, 5 ♀♀, Kyra, 10.7.1990.

DISTRIBUTION. Trans-Palearctic. Transbaikalia:

Buryatia: Ulan-Ude [Odenwall, 1901]; Pribaikalsky Distr., Burdukov [Kulczynski, 1901]. Chita Area: Kalarsky Distr., Dogoptchan [Verzhutsky et al., 1979, 1985].

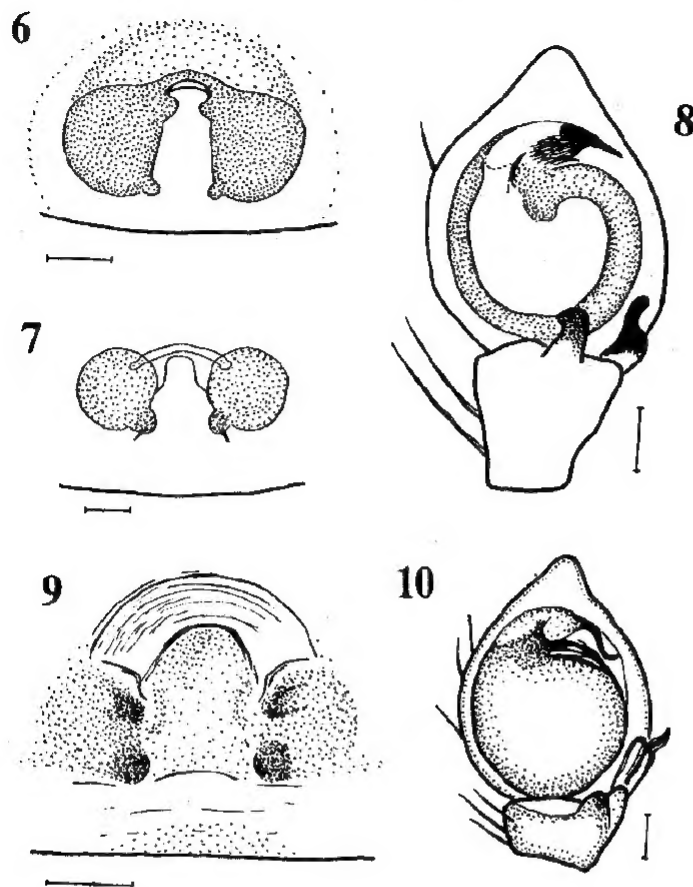
HABITATS. This species is a common dweller of grasslands and deciduous forests.

Misumenops tricuspidatus (Fabricius, 1775).
Fig. 11.

MATERIAL. Buryatia: Selenga Distr.: 1 ♂, Shyutche Lake, 2.8.1989. Zaigraevo Distr.: 6 ♂♂, 10 km E of Onokhoi, 28.7 - 9.9.1990.

DISTRIBUTION. Trans-Palearctic.

HABITATS. This species inhabits the over-



Figs. 6-10. 6-8 — *Lysiteles maius*, epigyne (6), vulva (7), male palp (8); 9, 10 — *Misumenena vatia*, epigyne (9), male palp (10). Scale 0.1mm.

Рис. 6-10. 6-8 — *Lysiteles maius*, эпигина (6), вульва (7), палптус самца (8); 9, 10 — *Misumenena vatia*, эпигина (9), палптус самца (10). Масштаб 0,1мм.

growth region of shrubs and grasslands at river and lake banks.

Pistius undulatus Karsch, 1879.

Fig. 12.

MATERIAL. Buryatia: Ivolga Distr.: 1 ♂, Mostovoi, 6.7.1983.

DISTRIBUTION. East-Palearctic species.

HABITATS. In Transbaikalia, this species has been found on a plantation of *Hippaphoe rhamnoides*.

Synaema globosum (Fabricius, 1775).

Figs. 13-16.

MATERIAL. Buryatia: Ivolga Distr.: 2 ♂♂, 1 ♀, Mostovoi, 31.8.1983.

DISTRIBUTION. Trans-Palearctic. Transbaikalia: Kyakhta Distr., Kyakhta [Kulczynski, 1901; *S.g.nigrioventris*]; Pribaikalsky Distr., Burdukovo [Kulczynski, 1901].

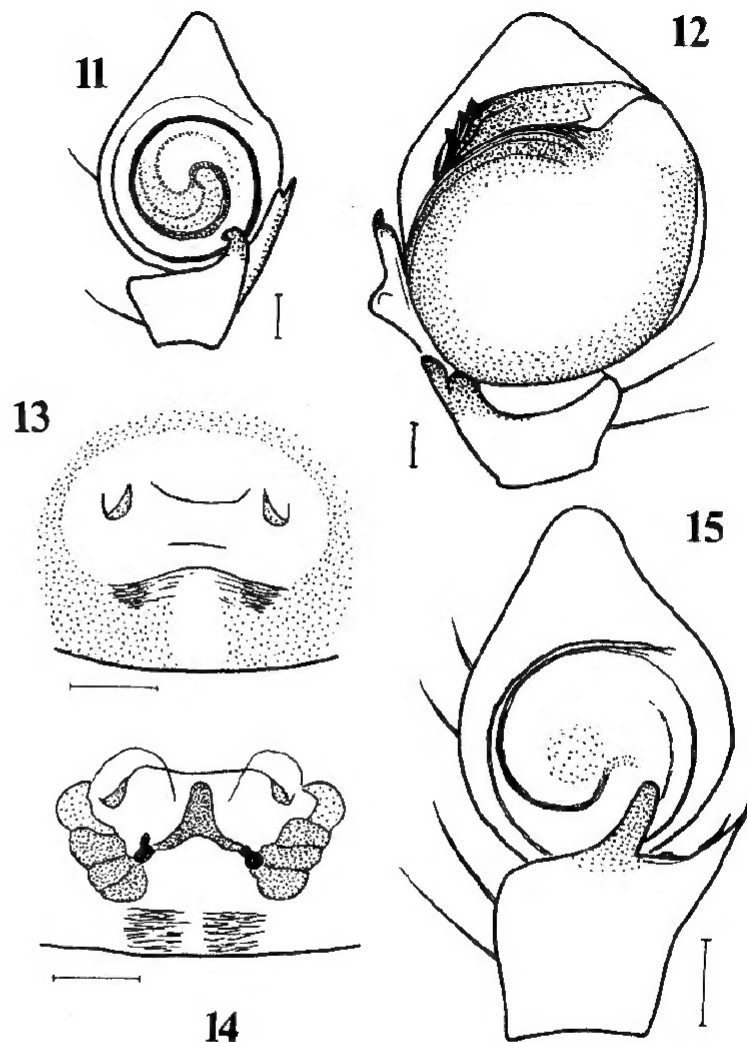
HABITATS. In Transbaikalia, this species has been found in a sparse pine forest.

Thomisus onustus Walckenaer, 1805.

Fig. 17.

MATERIAL. Buryatia: Ivolga Distr.: 1 ♂, Ivolginsk, 6.6.1990.

DISTRIBUTION. Trans-Palearctic. Transbaikalia:



Figs. 11-15. 11 — *Misumenops tricuspidatus*, male palp; 12 — *Pistius undulatus*, male palp; 13-15 — *Synaema globosum*, epigyne (13), vulva (14), male palp (15). Scale 0.1mm.

Рис. 11-15. 11 — *Misumenops tricuspidatus*, палптус самца; 12 — *Pistius undulatus*, палптус самца; 13-15 — *Synaema globosum*, эпигина (13), вульва (14), палптус самца (15). Масштаб 0,1мм.

lia: Ulan-Ude [Odenwall, 1901].

HABITATS. Steppe.

Tmarus rimosus Paik, 1973.

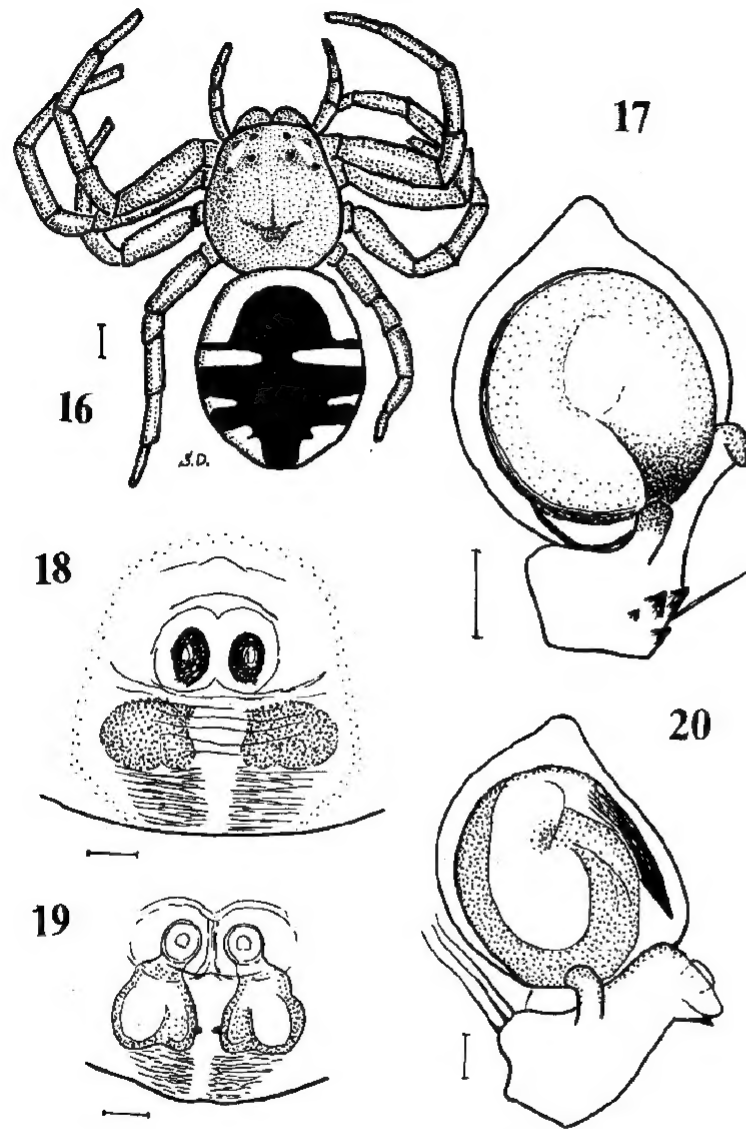
Figs. 18-20.

MATERIAL. Buryatia: Kabansk Distr.: 2 ♂♂, 2 ♀♀, Tarakanovka, 19.6.1990. Pribaikalsky Distr.: 1 ♀, Turuntaevo, 24.6.1983. Selenga Distr.: 1 ♂,

Takhoi, 20.7.1989.

DISTRIBUTION. East-Palearctic. Transbaikalia: Ulan-Ude [Odenwall, 1901: *T.stellio*]; Chita Area, Kalarsky Distr., Kyust'-Kemda [Ismailova, 1980: *T.stellio*; Verzhutsky et al., 1985: *T.stellio*]. All these records have been attributed to *T.rimosus* by D.Logunov [1992].

HABITATS. This species populates pine forests,



Figs. 16-20. 16 — *Synaema globosum*, female, general view; 17 — *Thomisus onustus*, male palp; 18-20 — *Tmarus rimosus*, epigyne (18), vulva (19), male palp (20). Scale: 16 — 0.5mm; 17-20 — 0.1mm.

Рис. 16-20. 16 — *Synaema globosum*, самка, общий вид; 17 — *Thomisus onustus*, палец самца; 18-20 — *Tmarus rimosus*, эпигина (18), вульва (19), палец самца (20). Масштаб: 16 — 0,5мм; 17-20 — 0,1мм.

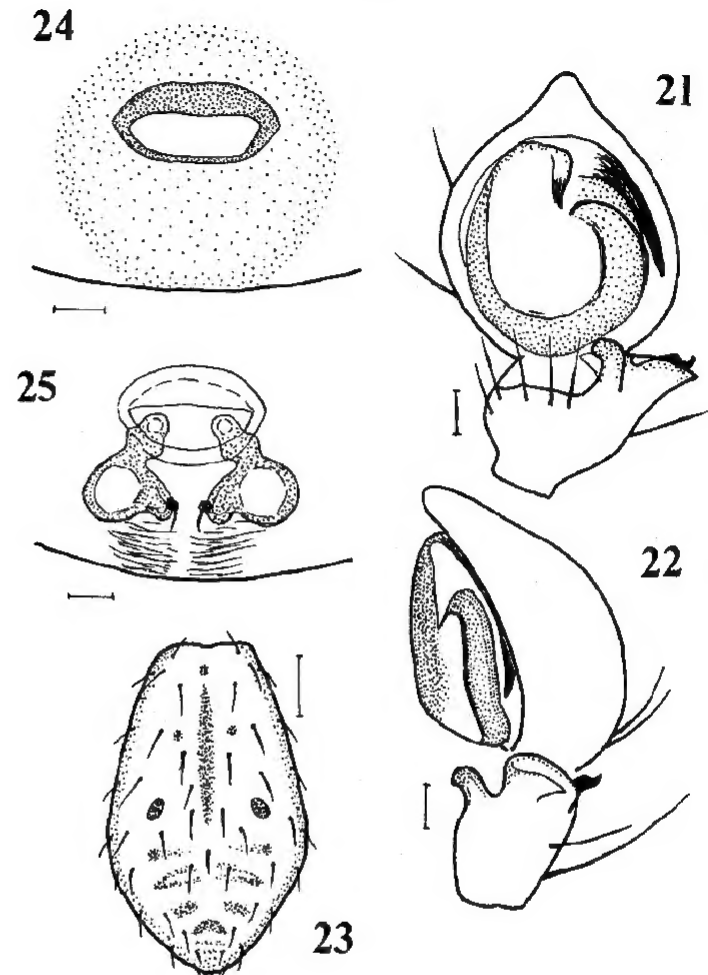
living in trees.

Tmarus taishanensis Zhu et Wen, 1981.

Figs. 21-25.

MATERIAL. Buryatia: Bitchura Distr.: 1 ♂, Okino-Klyutchi, 16.6.1983; 1 ♀, same locality, 7.9.1983.

REMARKS. This material has described by D.Logunov [1992].



Figs. 21-25. *Tmarus taishanensis*, male palp, ventrally (21) and laterally (22), abdomen of female (23), epigyne (24), vulva (25). Scale: 21-24 — 0.1mm; 25 — 0.5mm.

Рис. 21-25. *Tmarus taishanensis*, палец самца, вентрально (21) и латерально (22), брюшко самки (23), эпигина (24), вульва (25). Масштаб: 21-24 — 0,1мм; 25 — 0,5мм.

DISTRIBUTION. This species has hitherto been known only from China (Shandong) and Buryatia.

HABITATS. In Buryatia, this species has been found in a pine forest on the trees.

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